Claims:

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- 1. A method for discovering services for a wireless multimode terminal with a plurality of radio interfaces, the method comprising the steps of:
- in a mobile network, sending an indication to a multimode terminal operably connected to the mobile network, the indication indicating that services may be locally available via at least one short-range wireless network;
 - receiving the indication in the multimode terminal;
- based on the indication, collecting service information about services for the multimode terminal available through at least one short-range radio interface of the multimode terminal; and
- based on the service information collected, compiling a service list describing at least one service available through the at least one short-range radio interface.
- 2. A method according to claim 1, wherein the collecting step includes the steps of:
- attempting to detect at least one of the at least one short-range wireless network through at least one short-range radio interface of the multimode terminal; and
- gathering the service information through the at least one short-range radio interface.
- **3**. A method according to claim **2**, wherein the attempting and gathering steps are performed for one short-range radio interface at a time.
- 4. A method according to claim 3, further comprising a step of controlling the multimode terminal to a power save state with respect to a short-range radio interface after service information is collected through that short-range radio interface or if no network is detected through that short-range radio interface.
- 5. A method according to claim 2, wherein the attempting step includes attempting to detect short-range wireless networks corresponding to all short-range radio interfaces of the multimode terminal.
 - 6. A method according to claim 1, further comprising the steps of:
 - storing user_preference data_in the multimode terminal;
 - based-on-the-preference-data-and-the-service-information-collected-

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in the collecting step, selecting one short-range wireless network; and

- establishing communications with the short-range wireless network selected.
- 7. A method according to claim 1, wherein the indication includes instructive information for the collecting step.
- **8.** A method according to claim **7**, wherein the instructive information includes at least one network address.
- **9.** A method according to claim **8**, wherein the service information is collected through a radio interface by which the multimode terminal is operably connected to the mobile network.
- 10. A method according to claim 8, wherein the collecting step includes the steps of:
 - extracting the at least one network address from the indication; and
- gathering the service information based on the at least one network address.
- 11. A method according to claim 8, wherein the network address is an IP address.
- 12. A method according to claim 7, wherein the instructive information indicates at least one short-range radio interface for each service available locally.
- 13. A method according to claim 12, wherein the collecting step includes the steps of:
- attempting to detect at least one of the at least one short-range wireless network through at least one of the at least one short-range radio interface indicated by the instructive information; and
- gathering the service information through the at least one of the at least one short-range radio interface.
- 14. A method according to claim 1, further comprising a step of presenting the service list to a user of the multimode terminal.
- 15. A method according to claim 14, wherein the compiling step includes compiling the service list according to user preference data.
- 16. A method of according to claim 14, wherein the presenting step further-includes presenting-a-required-connectivity-standard-for-each-of_the_at least one service.
 - 17. A method according to claim 1, wherein the service list includes

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service providers corresponding to the at least one service.

- 18. A method according to claim 14, further comprising a step of querying the user of the multimode terminal if any of the at least one service is to be accessed.
- 19. A method according to claim 1, wherein the sending step includes sending the indication as part of system information sent in the mobile network.
- 20. A method according to claim 1, further comprising a step of maintaining a service database in the mobile network, the service database including service-related data for the indication.
- **21**. A system for discovering services for a wireless multimode terminal, the system including in a mobile network:
- indication means for sending an indication to a multimode terminal operably connected to the mobile network, the indication indicating that services may be locally available for the multimode terminal via at least one short-range wireless network;

the system further including in the multimode terminal;

- a first radio interface with a mobile network and at least one short-range radio interface;
- reception means for receiving the indication through the first radio interface;
- information collection means, responsive to the reception means, for collecting service information about services available via at least one of the at least one short-range wireless network, and
- service indication means for compiling a service list based on the service information collected, the service-list-describing at least one service available via the at least one of the at least one short-range wireless network.
- 22. A system according to claim 21, wherein the information collection means are configured to attempt to detect the at least one of the at least one short-range wireless network in response to the indication.
- 23. A system according to claim 21, wherein the indication means are configured to send the indication as system information sent to terminals in the mobile network.
 - 24. A system according to claim 21, wherein the indication means are

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configured to send instructive information for the information collecting means.

- 25. A system according to claim 21, wherein the service list includes information about a connectivity standard for the at least one service.
- 26. A system according to claim 21, wherein the information collection means are configured to retrieve the service information from a network address included in the indication.
 - 27. A wireless multimode terminal, the multimode terminal including:
 - a first radio interface operably connectable to a mobile network;
 - at least one short-range radio interface,
- reception means for receiving an indication through the first radio interface, the indication indicating that services may be locally available for the multimode terminal via at least one short-range wireless network;
 - information collection means, responsive to the reception means, for collecting service information about services available via at least one of the at least one short-range wireless network; and
 - service indication means for compiling a service list based on the service information collected, the service list describing at least one service available via the at least one of the at least one short-range wireless network.
 - 28. A wireless multimode terminal according to claim 27, wherein the information collection means are configured to attempt to detect the at least one of the at least one short-range wireless network in response to the indication.
 - 29. A wireless multimode terminal according to claim 28, wherein the information collection means are configured to activate one short-range radio interface at a time.
 - **30.** A wireless multimode terminal according to claim **29**, wherein the information collection means are further configured to control an activated short-range radio interface to a power save state after service information is collected through the activated short-range radio interface or if no network is detected through the activated short-range radio interface.
 - **31**. A wireless multimode terminal according to claim **27**, wherein the information collection means are configured to retrieve the service information from a network-address-included in the indication.